Total pages 28

PTO/SB/05 (12/97) Approved for use through 09/30/00. OMB 0651-0032 ademark Office: U.S. DEPARTMENT OF COMMERCE

:Assistant Commissioner for Patents

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ADDRESS TO:

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: SC-98-25A First Named Inventor: Chen

Title: Force-Balanced Roller-Cone Bits, Systems, Drilling Methods, and Design Methods

Express Mail Label No. EL68617

APPLICATION	ELEME	'N'	TS

See MPEP Chapter 600 concerning utility patent application contents

Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original, and a duplicate for fee processing)

- Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D

- Reference to Microfiche Appendix

- Background of the Invention

2. Specification Total (preferred arrangement set forth below)

Box Patent Application Washington, DC 20231 Incorporation by Reference (useable if Box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of

l	the disclosure of the accompanying application and is	nereby
	incorporated by reference therein.	
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6	Microfiche Computer Program (Appendix)	P1.00

7	Nucleotide and/or Amino Acid	Sequence	Submission	(if
	applicable, all necessary)			:

_ Computer Readable Copy Paper Copy (identical to computer copy)

Statement verifying identity of above copies X Assignment Papers (cover sheet & Documents(s))

 Brief Summary of the Invention Brief Description of the Drawings (if filea Detailed Description Claim(s))		
- Abstract of the Disclosure			
3 Drawing(s) (35USC d113)	Total pages		
4. Oath of Declaration	Total pages 2		
a Newly Executed (original or copy)			
b. Z Copy from a prior application (37 CFR 1.63(d))			
(for continuation/divisional with Box 17 completed)			
i. <u>Deletion of inventor(s) (Signed statement</u> attached deleting inventor(s) named in the prior			
annlication see 37 CFI			

9.	37 CFR §3.73(b) Statement (when there is an assignee)
	Power of Attorney
10.	English Translation Document (if applicable)
11.	Information Disclosure Statement (IDS)/PTO-1449
	Copies of IDS Citations

__ Preliminary Amendment

Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

_ *Small Entity Statement(s) (PTO/SB/09-12) Statement filed in prior application -Status still proper and desired

15. ____ Certified Copy of Priority Document(s).

* A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPL	ICATION, check approprie	te box and supply the requisite informat	ion below and in a preliminary amendment:	
Continuation	Divisional	Continuation-in-part (CIP)	of prior application No: 09/387,737, filed	
8/31/99, which claims priority from 60/098,466, filed 8/31/98.				
Prior application info	rmation: Examiner: Ho	oang Dang Group / Art U	nit: 3672	

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Signature

Robert Groover, Reg.No.30,059, Date: April 10, 2001